TOWN OF GRAFTON
INSPECTOR OF BUILDINGS
30 PROVIDENCE ROAD
GRAFTON, MASSACHUSETTS 01519

Tel 508-839-5335 x 190 Fax 1-508-839-4602

buildingdept@grafton-ma.gov

Date: _____

Project Name: _____

Project Location_____

Construction Control Party:

Firm Name: _____

Responsible Party: _____

Address: _____

City: _____State: _____Zip: _____

Tel No: _____ Fax No: _____

SER Party:

Firm Name: _____

Responsible Party: _____

Address: _____

City: _____State: _____Zip: _____

Tel No: _____ Fax No: _____

PROCEDURES FOR FILING CONTROL CONSTRUCTION APPLICATION

Prior to the issuance of ANY BUILDING PERMIT (S), the following pages are to be completed and submitted to this office, unless the information is contained on the drawings.

A program for inspections and test in accordance with section 107.6 of the Massachusetts State Building Code 8th Edition is required before any building permit will be issued.

Reports are to be sent as they are completed, unless otherwise arranged with the Building Department. Failure to submit the necessary or required periodic inspection reports may result in a STOP WORK ORDER or denied the issuance of the CERTIFICATE OF USE AND OCCUPANCY.

NO FACSIMILE SIGNATURE OR STAMPS ARE ACCEPTABLE.

Prior to the issuance of any type of CERTIFICATE OF OCCUPANCY, a copy of all inspections and tests must have been submitted to the building official and the final report attached to this packet.

SER: (Structural Engineer of Record MSBC Chapter 17)

CONSTRUCTION CONTROL

PROJECT NUMBER: _____PROJECT TITLE: _____

PROJECT LOCATION: _____

NAME OF BUILDING: _____

Firm Name: _____

Responsible Party: _____

Address: _____

City: _____ State: _____ Zip_____

Tel No: _____ Fax No: _____

IN ACCORDANCE WITH SECTION 107.6 OF THE MASSACHUSETTS STATE BUILDING CODE 8TH EDITION,

I, _____ REGISTRATION NO._____

BEING A REGISTERED PROFESSIONAL ENGINEER/ARCHITECT HEREBY CERTIFY THAT I HAVE PREPARED OR DIRECTLY SUPERVISED THE PREPARATION OF ALL DESIGN PLANS, COMPUTATIONS AND SPECIFICATIONS CONCERNING:

☐ **ENTIRE PROJECT** ☐ **ARCHITECTURAL** ☐ **STRUCTURAL** ☐ **MECHANICAL**

☐ **FIRE PROTECTION** ☐ **ELECTRICAL** ☐ **OTHER (SPECIFY)** _____

FOR THE ABOVE NAMED PROJECT AND THAT, TO THE BEST OF MY KNOWLEDGE, SUCH PLANS, COMPUTATIONS AND SPECIFICATIONS MEET THE APPLICABLE PROVISIONS OF THE MASSACHUSETTS STATE BUILDING CODE, ALL ACCEPTABLE ENGINEERING PRACTICES AND ALL APPLICABLE LAWS AND ORDINANCES FOR THE PROPOSED USE AND OCCUPANCY. I FURTHER CERTIFY THAT I SHALL PERFORM THE NECESSARY PROFESSIONAL SERVICES IN ACCORDANCE WITH SECTION 1705 AND BE PRESENT ON THE CONSTRUCTION SITE ON A REGULAR AND PERIODIC BASIS, AS OUTLINED IN THE PROGRAM OF INSPECTIONS AND TESTS SUBMITTED, TO DETERMINE THAT THE WORK IS PROCEEDING IN ACCORDANCE WITH THE DOCUMENTS APPROVED FOR THE BUILDING PERMIT AND SHALL BE RESPONSIBLE FOR THE FOLLOWING AS SPECIFIED IN SECTION 107.6

1. Review, for conformance to the design concept, shop drawings, samples and other submittals which are submitted by the Contractor in accordance with the requirements of the construction documents.
2. Review and approval of the quality control procedures for all code-required controlled materials.
3. Be present at intervals appropriate to the stage of construction to become, generally familiar with the progress and quality of the work and to determine, in general, if the work is being performed in a manner consistent with the construction documents.

Structural Tests and Inspections: Structural tests and inspection shall be provided in accordance with 780 CMR chapter 17 Tests and Inspections of non-structural systems: Tests and inspections of non-structural systems shall be performed in accordance with applicable engineering practice standards or referenced standards listed in 780 CMR Massachusetts State Building Code 8th Edition

PURSUANT TO CHAPTER 17, I SHALL SUBMIT WHEN COMPLETED, A PROGRESS REPORT TOGETHER WITH INSPECTION RESULTS TO THE BUILDING DEPARTMENT. UPON COMPLETION OF THE WORK, I SHALL SUBMIT A FINAL REPORT AS TO THE SATISFACTORY COMPLETION AND READINESS OF THE PROJECT FOR OCCUPANCY.

Seal

_____
SIGNATURE

SUBSCRIBED AND SWORN TO BEFORE ME THIS_____ DAY_____ OF 20_____

NOTARY PUBLIC_____ MY COMMISSION EXPIRES _____

Designer of Record (107.6)

To: Inspector of Buildings
Town of Grafton
30 Providence Road
Grafton, Massachusetts 01519

Date:_____

RESPONSIBILITY OF THE DESIGNER OF RECORD

Firm Name_____

Responsible Person _____

Address_____

City _____ State_____ ZIP_____

Tel No _____ Fax No _____

DESIGNER OF RECORD - shall be responsible for all plans, computations and specifications involved in the project in accordance with section 107.6.2 of The Massachusetts State Building Code 8th Edition.

Shall submit to the Building Official a copy of all tests and a report of all inspections as they are completed. (Massachusetts State Building Code 8th Edition)

The Building Department SHALL be notified 48 hours prior to:

Pouring of footings, Foundation Inspection, Slab Inspection Framing Inspection, Insulation Inspection, Final Inspection

Shall submit a written statement of work completed according to contract plans and specifications.

_____ _____
Signature of Architect/Engineer Date

_____
Seal

Structural Engineer of Record (SER)

To: Inspector of Buildings
Town of Grafton
30 Providence Road
Grafton, MA. 01519

Date: _____

Reports and Notices

Firm Name_____

Responsible Person_____

Address_____

City_____ State_____ Zip_____

Tel No_____ Fax_____

REQUIRED REPORTS AND NOTICES TO BUILDING OFFICIAL

As required under Chapter 17 The Structural Engineer of Record shall submit a program of structural inspections and tests. This is a condition for issuing the building permit.

As required under chapter 17 of the Massachusetts State Building Code 8th Edition, the SER shall inspect and submit reports, on all tests and inspections as outlined in the program of inspections submitted for the building permit for projects of Controlled Construction.

I shall submit a written statement of work completion that is under my control, as required chapter 17 of the Massachusetts State Building Code 8th Edition for this project.

_____ _____
Signature of Architect/Engineer Date

To: Inspector of Buildings

STRUCTURAL ENGINEER OF RECORD
Program Of Inspections
Massachusetts State Building Code 8th Edition Chapter 17

Date: _____

The following is a program of inspections and test to be performed on this project.

TOWN OF GRAFTON
INSPECTOR OF BUILDINGS
30 PROVIDENCE ROAD
GRAFTON, MASSACHUSETTS 01519

Tel 1-508-839-5335 x 190
Fax 1-508-839-4602
buildingdept@grafton-ma.gov

Date:_____

Project Name:_____

Project Location_____

Contractor Name:_____

Responsible Party:_____

Address:_____

City _____ State _____ Zip _____

Tel No_____ Fax No_____

CONTRACTOR RESPONSIBILITIES

IN ACCORDANCE WITH SECTION 1701.1.3 OF THE MASSACHUSETTS STATE BUILDING CODE I WILL PERFORM THE CONTRACTORS SERVICES REQUIRED AS FOLLOWS:

1.Execution of all work in accordance with the approved construction documents.
2.Execution and control of all methods of construction in a safe and satisfactory manner in accordance with all applicable local, state, and federal statutes and regulations.
3.Upon completion of the construction, he shall to the best of his knowledge and belief that such has been done in substantial accord with 780 CMR Massachusetts State Building Code 8th Edition.

_____
Signature of responsible Party

SUBSCRIBED AND SWORN TO BEFORE ME THIS_____ DAY_____ OF 200_____

NOTARY PUBLIC_____ MY COMMISSION EXPIRES _____

_____ _____
Complete construction documents Signed/sealed construction documents

To: Inspector of Buildings
Town of Grafton
30 Providence Road
Grafton, MA 01519

STRUCTURAL ENGINEER OF RECORD

ON THIS_____DAY OF _____ 20_____

BEFORE ME; _____; A NOTARY PUBLIC DULY

COMMISSIONED AND QUALIFIED FOR THE COMMONWEALTH OF MASSACHUSETTS, PERSONALLY

APPEARED _____; WHO BEING DULY SWORN, DEPOSES AND SAYS THAT

HE HAS SUPERVISED THE CONSTRUCTION IN ACCORDANCE WITH THE PROGRAM OF INSPECTIONS

SUBMITTED FOR THE BUILDING OF _____
(Street Address)

_____UNDER PERMIT #_____AND THAT THIS
(City or Town)

STRUCTURE CONFORMS TO THE SUBMITTED PLANS AND TO THE CODES OF _____
(City or town)

AND THE COMMONWEALTH. FURTHER, THAT ALL RESULTS OF INSPECTIONS AND TESTS HAVE BEEN SUBMITTED, AND THERE ARE NO VIOLATIONS OF LAW OF THE DEPARTMENT OF PUBLIC SAFETY PENDING.

I. AS THE AFFIDAVIT ENGINEER AND/OR ARCHITECT HEREBY CERTIFY THAT I HAVE ON THIS

DATE_____INSPECTED THE PROPERTY LOCATED AT

_____AND FIND THAT THE LOCUS AND ITS
(Street Address)

STRUCTURES COMPLY WITH MY PLANS AND ALL RULES AND REGULATIONS OF THE 780 CMR MASSACHUSETTS STATE BUILDING CODE 8TH EDITION

THEREFORE, I REQUEST A CERTIFICATE OF USE AND OCCUPANCY FOR THE ABOVE ADDRESS.

_____
ORIGINAL SEAL & SIGNATURE

SUBSCRIBED AND SWORN TO BEFORE ME ON THIS _____ DAY OF_____20_____

_____
(Notary Public)

MY COMMISSION EXPIRES _____

To: Inspector of Buildings
Town of Grafton
30 Providence Road
Grafton, MA 01519

Construction Control Party

ON THIS_____ DAY OF _____ 20_____

BEFORE ME; _____; A NOTARY PUBLIC DULY

COMMISSIONED AND QUALIFIED FOR THE COMMONWEALTH OF MASSACHUSETTS, PERSONALLY

APPEARED _____; WHO BEING DULY SWORN, DEPOSES AND SAYS THAT

HE HAS SUPERVISED THE CONSTRUCTION (IN ACCORDANCE WITH THE PROVISIONS OF SECTION 116.2.2 OF

THE MASSACHUSETTS STATE BUILDING CODE OF _____
(Street Address)
_____ UNDER PERMIT #_____AND THAT THIS
(City or Town)

STRUCTURE CONFORMS TO THE SUBMITTED PLANS AND TO THE CODES OF _____
(City or town)
AND THE COMMONWEALTH.

FURTHER, THAT ALL RESULTS OF INSPECTIONS AND TESTS HAVE BEEN SUBMITTED, AND THERE ARE NO VIOLATIONS OF LAW OF THE DEPARTMENT OF PUBLIC SAFETY PENDING.

I. AS THE AFFIDAVIT ENGINEER AND/OR ARCHITECT HEREBY CERTIFY THAT I HAVE ON THIS

DATE_____INSPECTED THE PROPERTY LOCATED AT

_____AND FIND THAT THE LOCUS AND ITS
(Street Address)

STRUCTURES COMPLY WITH MY PLANS AND ALL RULES AND REGULATIONS OF THE 780 CMR MASSACHUSETTS STATE BUILDING CODE 8TH EDITION.

THEREFORE, I REQUEST A CERTIFICATE OF USE AND OCCUPANCY FOR THE ABOVE ADDRESS.

_____
ORIGINAL SEAL & SIGNATURE

SUBSCRIBED AND SWORN TO BEFORE ME ON THIS _____ DAY OF_____20_____

_____
(Notary Public)

MY COMMISSION EXPIRES _____

TOWN OF GRAFTON
INSPECTOR OF BUILDINGS
30 PROVIDENCE ROAD
GRAFTON, MASSACHUSETTS 01519

Tel 1-508-839-5335 x 190
Fax 1-508-839-4602
buildingdept@grafton-Ma.gov

Date:_____

Project Name:_____

Project Location_____

Contractor Name:_____

Responsible Party:_____

Address:_____

City_____ State_____ Zip_____

Tel No_____ Fax No_____

CONTRACTOR RESPONSIBILITIES

IN ACCORDANCE WITH SECTION 1701.1.2 OF THE MASSACHUSETTS STATE BUILDING CODE 8TH EDITION I HAVE PERFORMED THE CONTRACTORS SERVICES REQUIRED AND CERTIFIED TO THE BEST OF MY KNOWLEDGE AND BELIEF THAT ALL WORK HAS BEEN DONE IN SUBSTANTIAL ACCORD WITH 780 CMR 116.3 ITEMS 1 AND 2 AND WITH ALL PERTINENT DEVIATIONS SPECIFICALLY NOTED.

1.Execution of all work in accordance with the approved construction documents.
2.Execution and control of all methods of construction in a safe and satisfactory manner in accordance with all applicable local, state, and federal statutes and regulations.
3.Upon completion of the construction, he shall to the best of his knowledge and belief that such has been done in substantial accord with 780 CMR Massachusetts State Building Code 8th Edition

_____
Signature of responsible Party

SUBSCRIBED AND SWORN TO BEFORE ME THIS_____ DAY_____ OF 20_____

NOTARY PUBLIC_____ MY COMMISSION EXPIRES _____

To: Inspector of Buildings
Town of Grafton
30 Providence Road
Grafton, MA. 01519

Existing Buildings

Date: _____

RESPONSIBILITY OF THE PERMIT APPLICANT

For Alterations, Renovations, Additions and Repairs to existing buildings

In accordance with 2009 International Existing Building Code

104.2.1 Preliminary meeting. When requested by the permit applicant or the *code official*, the *code official* shall meet with the permit applicant prior to the application for a construction permit to discuss plans for the proposed work or *change of occupancy* in order to establish the specific applicability of the provisions of this code.

Exception: *Repairs* and Level 1 *alterations*.

104.2.1.1 Building evaluation. The *code official* is authorized to require an *existing building* to be investigated and evaluated by a registered design professional based on the circumstances agreed upon at the preliminary meeting. The design professional shall notify the *code official* if any potential nonconformance with the provisions of this code is identified.

105.3 Application for permit. To obtain a permit, the applicant shall first file an application therefor in writing on a form furnished by the Department of Building Safety for that purpose. Such application shall:

1. Identify and describe the work in accordance with Chapter 3 to be covered by the permit for which application is made.

2. Describe the land on which the proposed work is to be done by legal description, street address, or similar description that will readily identify and definitely locate the proposed building or work.

3. Indicate the use and occupancy for which the proposed work is intended.

4. Be accompanied by construction documents and other information as required in Section 106.3.

5. State the valuation of the proposed work.

6. Be signed by the applicant or the applicant's authorized agent.

7. Give such other data and information as required by the *code official*.

The permit applicant shall submit a program of structural tests and inspections prepared by the SER as a condition for permit issuance. This program shall include a complete list of materials and work requiring structural tests and inspections, the inspections to be performed and a list of the individuals, approved agencies and forms intended to be retained for conducting such inspections.

SER:

Name _____

Firm_____

Address_____

City_____ State_____ Zip_____

Signature_____

Please attach list to this sheet

NOTES: N.R. — Not required
N.A. — Not applicable

ADMINISTRATION (Chapter 1)

_____ Complete construction documents *(107.1, 107.2)*

_____ Signed/sealed construction documents *(107.1, State laws vary)*

BUILDING PLANNING (Chapters 3, 4, 5, 6)

OCCUPANCY CLASSIFICATION (302 - 312, 508)

_____ Single Occupancy *(302.1)*

_____ Mixed Occupancy *(508.1)*

_____ Incidental accessory occupancies *(508.2.5, Table 508.2.5)*

_____ Accessory occupancies *(508.2)*

GENERAL BUILDING LIMITATIONS (Chapters 5 & 6)

_____ Address identification *(501.2)*

Apply Case 1 to determine the allowable height and area and permitted types of construction for a building containing a single occupancy or nonseparated mixed occupancies. Apply Case 2 to determine the allowable height and area and permitted types of construction for a building containing separated mixed occupancies.

AREA MODIFICATIONS TO TABLE 503

Allowable tabular area, A_t *(Table 503)* ____**1**__

Area Increase Factor due to frontage, I_f *(506.2)* __+_____

Area Increase Factor due to automatic sprinklers, I_s *(506.3)* __+_____

Conversion factor __=_____

Frontage *(506.2)* _____ *North* _____ *East* _____ *South* _____ *West*

Total Frontage *(F)*_____ft. Perimeter *(P)* _____ft.

Width of open space *(W)* =_____

Area Increase Factor due to frontage, I_f= _____ *(506.2)*

$$I_f = \left[\frac{F}{P} - 0.25\right]\frac{W}{30}$$

CASE 1 — SINGLE OCCUPANCY OR NONSEPARATED MIXED OCCUPANCIES (508.3)

Using Table 503, identify the allowable height and area of the single occupancy or the most restrictive of the nonseparated mixed occupancies. Construction types that provide an allowable tabular area equal to or greater than the adjusted building area and allowable heights (as modified by Section 504) equal to or greater than the actual building height are permitted.

DETERMINE CONSTRUCTION TYPE

Actual building area _____ft^2

Adjusted building area _____ft^2
actual building area ÷ conversion factor

Actual building height _____ feet _____stories

Allowable building height _____ feet _____stories

Permitted types of construction _____

Type of construction assumed for review *(602.1)* _____

CHECK ALLOWABLE AREA (506.4)

Allowable area per floor (A_a)

_____ × _____ = _____ft^2
conversion factor; tabular area *(Table 503)*

Total floor area (all stories) _____ft^2

Allowable floor area (all stories)

_____ × _____ = _____ft^2
Allowable area per floor (A_a); number of stories (maximum 3)

Compliance verified _____

CASE 2 — SEPARATED MIXED OCCUPANCIES (508.4)

Using Table 503, identify the allowable height and area of each of the separated occupancies within the building. Construction types that provide, for each story of the building, tabular areas (as modified by Section 506) which result in a sum of the ratios of 1.00 or less and allowable heights (as modified by Section 504) equal to or greater than the actual height of the occupancy are permitted.

Story	Group	Actual floor area	Adjusted floor area*	Actual height	Allowable height
________	________	________ ft^2	________ ft^2	________ ft ______ stories	________ ft ______ stories
________	________	________ ft^2	________ ft^2	________ ft ______ stories	________ ft ______ stories
________	________	________ ft^2	________ ft^2	________ ft ______ stories	________ ft ______ stories
________	________	________ ft^2	________ ft^2	________ ft ______ stories	________ ft ______ stories
________	________	________ ft^2	________ ft^2	________ ft ______ stories	________ ft ______ stories
________	________	________ ft^2	________ ft^2	________ ft ______ stories	________ ft ______ stories
________	________	________ ft^2	________ ft^2	________ ft ______ stories	________ ft ______ stories

$$\text{Area ratio (single floor)} = \sum \frac{\text{Adjusted floor area *}}{\text{Allow. tab. area, } A_t \text{ (Table 503)}} = \_\_\_\_ + \_\_\_\_ + \_\_\_\_ + \_\_\_\_ = \_\_\_\_ \leq 1.00$$

*Adjusted floor area = actual floor area ÷ conversion factor

CHECK ALLOWABLE AREA (506.5)

Three stories or less buildings ____________

Four or more story buildings (Total area ratio ≤ 3) ____________

Permitted types of construction ____________________

Type of construction assumed for review *(602.1)* ____________________

Compliance verified ____________________

MEZZANINES (505)

__________ Area limitation *(505.2)*

__________ Egress *(505.3)*

__________ Openness *(505.4)*

__________ Equipment platforms *(505.5)*

UNLIMITED AREA BUILDINGS (507)

__________ Nonsprinklered, one story *(507.2)*

__________ Sprinklered, one story *(507.3)*

__________ Two story *(507.4)*

__________ Reduced open space *(507.5)*

__________ Group A-3 buildings *(507.6, 507.7)*

__________ Group H occupancies *(507.8)*

__________ Aircraft paint hangar *(507.9)*

__________ Group E buildings *(507.10)*

__________ Motion picture theaters *(507.11)*

__________ Covered mall buildings/anchor stores *(507.12)*

SPECIAL PROVISIONS (509)

__________ Special condition applicable *(509.1)*

__________ Compliance verified

SPECIAL DETAILED REQUIREMENTS BASED ON USE AND OCCUPANCY (Chapter 4)

COVERED MALL AND OPEN MALL BUILDINGS (402)

__________ Egress *(402.4)*

__________ Mall width *(402.5)*

__________ Unlimited area *(402.6)*

__________ Fire separations *(402.7)*

__________ Interior finish *(402.8)*

__________ Automatic sprinkler system *(402.9)*

__________ Standpipe system *(402.9.1)*

__________ Smoke control *(402.10)*

__________ Kiosk requirements *(402.11)*

__________ Playground structures *(402.12)*

__________ Security grilles and doors *(402.13)*

__________ Standby power and emergency voice/alarm *(402.14, 402.15)*

__________ Plastic signs *(402.16)*

__________ Fire department access *(402.17)*

HIGH-RISE BUILDINGS (403)

_____ Construction *(403.2)*

_____ Automatic sprinkler system *(403.3)*

_____ Smoke detection *(403.4.1)*

_____ Fire alarm system *(403.4.2)*

_____ Emergency voice/alarm systems *(403.4.3)*

_____ Emergency responder radio coverage *(403.4.4)*

_____ Fire command center *(403.4.5)*

_____ Smoke removal *(403.4.6)*

_____ Elevators *(403.6)*

_____ Standby power *(403.4.7)*

_____ Emergency power *(403.4.8)*

_____ Stair remoteness *(403.5.1)*

_____ Additional stairway *(403.5.2)*

_____ Stairway doors *(403.5.3)*

_____ Smokeproof exit *(403.5.4)*

_____ Luminous egress path *(403.5.5)*

ATRIUMS (404)

_____ Use *(404.2)*

_____ Automatic sprinkler system *(404.3)*

_____ Fire alarm system *(404.4)*

_____ Smoke control *(404.5)*

_____ Enclosure *(404.6)*

_____ Standby power *(404.7)*

_____ Interior finish *(404.8)*

_____ Travel distance *(404.9)*

OTHER SPECIAL USE AND OCCUPANCY

_____ Underground structures *(405)*

_____ Motor-vehicle-related occupancies *(406, 509)*

_____ Group I-2 *(407)*

_____ Group I-3 *(408)*

_____ Motion picture projection rooms *(409)*

_____ Stages and platforms *(410)*

_____ Special amusement buildings *(411)*

_____ Aircraft-related occupancies *(412)*

_____ Combustible storage *(413)*

_____ Hazardous materials *(307.1, 414)*

_____ Groups H-1, H-2, H-3, H-4 and H-5 *(415)*

_____ Application of flammable finishes *(416)*

_____ Drying rooms *(417)*

_____ Organic coatings manufacturing *(418)*

_____ Live/work units *(419)*

_____ Groups I-1, R-1, R-2, R-3 *(420)*

_____ Hydrogen cutoff rooms *(421)*

_____ Ambulatory health care facilities *(422)*

_____ Storm shelters *(423)*

FIRE PROTECTION (Chapters 6, 7, 8, 9)

FIRE-RESISTANCE-RATED CONSTRUCTION (Tables 601 & 602 and Chapter 7)

Note: Entry in ☐ indicates required rating in hours. NC indicates noncombustible construction required.

_____ Construction classification *(602)*

COMBUSTIBILITY (602.2, 602.3, 602.4, 602.5, 603)

_____ Exterior walls

_____ Interior elements

_____ Roof

FIRE-RESISTANCE RATINGS AND FIRE TESTS (703)

_____ Ratings / Combustibility *(703.2, 703.4)*

_____ Alternative methods *(703.3, 718, 720, 721)*

_____ Rated glazing *(703.5)*

_____ Marking and identification *(703.6)*

BUILDING ELEMENTS (Table 601)

☐ _____ Structural frame *(704)*

☐ _____ Interior bearing walls

☐ _____ Interior nonbearing walls

☐ _____ Floor construction *(712)*

☐ _____ Roof construction *(712)*

EXTERIOR WALLS (507, Table 602, 705, 707.4)

	North	East	South	West
Fire separation distance	_____	_____	_____	_____
Bearing	☐ ____	☐ ____	☐ ____	☐ ____
Nonbearing	☐ ____	☐ ____	☐ ____	☐ ____

☐ _____ Opening protection *(705.8.1 - 705.8.4)*

☐ _____ Vertical fire spread protection *(705.8.5, 705.8.6)*

☐ _____ Parapets *(705.11)*

FIRE BARRIERS (707)

☐ _____ Shaft enclosures *(707.3.1)*

☐ _____ Exit enclosures/exit passageway *(707.3.2, 707.3.3)*

☐ _____ Horizontal exits *(707.3.4)*

☐ _____ Atriums *(707.3.5)*

☐ _____ Incidental accessory occupancies *(707.3.6)*

☐ _____ Control areas *(707.3.7)*

☐ _____ Mixed occupancy and fire area separations *(707.3.8, 707.3.9, 901.7)*

☐ _____ Construction *(707.5 - 707.9)*

SHAFTS (708)

☐ _____ Exceptions *(708.2)*

☐ _____ Construction *(708.3 - 708.12, 708.14)*

☐ _____ Refuse and laundry chutes *(708.13)*

☐ _____ Elevator lobby *(708.14.1, 708.14.2)*

OTHER FIRE-RESISTANT CONSTRUCTION

☐ _____ Fire walls *(706)*

☐ _____ Fire partitions *(709)*

☐ _____ Smoke barriers *(710)*

_____ Smoke partitions *(711)*

_____ Penetrations *(713)*

_____ Fire-resistant joint systems *(714)*

_____ Opening protectives *(715)*

_____ Dampers *(716)*

_____ Concealed spaces *(717)*

_____ Thermal- and sound-insulating materials *(719, 807)*

INTERIOR FINISHES (Chapter 8)

_____ Smoke development *(803.1.1, 803.9, Table 803.9)*

_____ Flame spread *(803.1.1, 803.9, Table 803.9)*

_____ Textile/expanded vinyl coverings *(803.1.2 - 803.1.4, 803.5 - 803.8)*

_____ Floor finish *(804)*

_____ Combustible materials *(805)*

_____ Decorations and trim *(806)*

_____ Acoustical ceiling systems *(808)*

FIRE PROTECTION (Chapter 9)

AUTOMATIC SPRINKLER SYSTEMS (903)
(Where required)

_____ Assembly (A-1, A-2, A-3, A-4, A-5) *(903.2.1)*

_____ Ambulatory health care facilities (B) *(903.2.2)*

_____ Educational (E) *(903.2.3)*

_____ Factory/Industrial (F-1) *(903.2.4)*

_____ High-hazard (H-1, H-2, H-3, H-4, H-5) *(903.2.5)*

_____ Institutional (I-1, I-2, I-3, I-4) *(407.5, 903.2.6)*

_____ Mercantile (M) *(903.2.7)*

_____ Residential (R) *(903.2.8)*

_____ Storage/Repair garage (S-1) *(903.2.9)*

_____ Parking garages *(903.2.10)*

_____ Windowless story *(903.2.11.1)*

_____ Rubbish and linen chutes *(903.2.11.2)*

_____ Buildings over 55 ft. high *(903.2.11.3)*

_____ Incidental accessory occupancies *(Table 508.2.5)*

_____ Additional required systems *(Table 903.2.11.6)*

_____ International Fire Code *(IFC 903.2.11.6)*

AUTOMATIC SPRINKLER SYSTEMS* (903)
(Design)

_____ Shop drawings *(107.2.2)*

_____ NFPA 13 system *(903.3.1.1)*

_____ NFPA 13R system *(903.3.1.2)*

_____ NFPA 13D system *(903.3.1.3)*

_____ Quick-response and residential heads *(903.3.2)*

_____ Actuation *(903.3.4)*

_____ Water supplies *(903.3.5)*

_____ Hose threads *(903.3.6)*

_____ Sprinkler monitoring and alarms *(903.4)*

* Also see Fire Code Sprinkler Plan Review Record

ALTERNATIVE AUTOMATIC FIRE-EXTINGUISHING SYSTEMS (904)

_____ Installation *(904.3)*

_____ Wet-chemical systems *(904.5)*

_____ Dry-chemical systems *(904.6)*

_____ Foam systems *(904.7)*

_____ Carbon dioxide systems *(904.8)*

_____ Halon systems *(904.9)*

_____ Clean-agent systems *(904.10)*

_____ Commercial cooking systems *(904.2.1, 904.11)*

STANDPIPE SYSTEMS (905)

_____ Installation standards *(905.2)*

_____ Building height *(905.3.1)*

_____ Group A *(905.3.2)*

_____ Covered malls *(905.3.3)*

_____ Stages *(905.3.4)*

_____ Underground buildings *(905.3.5)*

_____ Helistops/heliports *(905.3.6)*

_____ Marinas/boatyards *(905.3.7)*

_____ Hose connections and locations *(905.1, 905.4, 905.5, 905.6)*

_____ Cabinets *(905.7)*

_____ Dry standpipes *(905.8)*

_____ Valve supervision *(905.9)*

PORTABLE FIRE EXTINGUISHERS (906)

_____ Required locations *(906.1, 906.5, 906.6)*

_____ Installation standard *(906.2)*

_____ Size and distribution *(906.3)*

_____ Cabinets *(906.8)*

_____ Installation *(906.9)*

FIRE ALARM AND DETECTION SYSTEMS (907) (Where required)

_____ Construction documents/shop drawings *(907.1.1, 907.1.2)*

_____ Assembly (A-1, A-2, A-3, A-4, A-5) *(907.2.1)*

_____ Business (B) *(907.2.2)*

_____ Educational (E) *(907.2.3)*

_____ Factory (F-1, F-2) *(907.2.4)*

_____ High-hazard (H-1, H-2, H-3, H-4, H-5) *(907.2.5)*

_____ Institutional (I-1, I-2, I-3, I-4) *(907.2.6)*

_____ Mercantile (M) *(907.2.7)*

_____ Residential (R-1, R-2, R-4) *(907.2.8, 907.2.9, 907.2.10)*

_____ Single/multiple station smoke alarms *(907.2.11)*

_____ High-rise buildings *(907.2.13)*

_____ Atriums *(907.2.14)*

_____ Other buildings/areas *(907.2.12, 907.2.15 - 907.2.23)*

FIRE ALARM AND DETECTION SYSTEMS (907) (Design)

_____ Residential smoke alarm interconnection *(907.2.11.3)*

_____ Residential smoke alarm power source *(907.2.11.4)*

_____ Fire safety functions *(907.3)*

_____ Initiating devices *(907.4)*

_____ Occupant notification *(907.5)*

_____ Installation *(907.6, 907.7)*

EMERGENCY ALARM SYSTEMS (908)

_____ Detection system applicable *(908.1 - 908.6)*

SMOKE CONTROL SYSTEMS (909)

_____ Where required *(402.10, 404.5, 405.5, 408.9, 410.3.7.2, 1022.9, 1028.6.2.1)*

_____ Design requirements *(909.1 - 909.4)*

_____ Smoke barriers *(909.5)*

_____ Pressurization method *(909.6)*

_____ Airflow design method *(909.7)*

_____ Exhaust method *(909.8)*

_____ Design fire *(909.9)*

_____ Equipment/Power *(909.10, 909.11)*

_____ Detection and control *(909.12 - 909.18)*

_____ Smokeproof enclosures *(909.20)*

SMOKE AND HEAT VENTS (910)

_____ Requirements *(910.1 - 910.3)*

_____ Mechanical alternative *(910.4)*

FIRE COMMAND CENTER (911)

_____ Requirements *(911.1.1 - 911.1.5)*

FIRE DEPARTMENT CONNECTIONS (912)

_____ Installation *(912.1 - 912.5)*

FIRE PUMPS (913)

_____ Requirements *(913.1 - 913.5)*

EMERGENCY RESPONDER SAFETY FEATURES/ RADIO COVERAGE (914, 915)

_____ Requirements *(914.1, 914.2, 915.1)*

OCCUPANT NEEDS (Chapters 10, 11, 12)

MEANS OF EGRESS (Chapter 10)

OCCUPANT LOAD *(1004.1.1 and Table 1004.1.1)*

Location	Floor Area	÷	Sq.ft./ person	=	Occt. load	Other occt. loads	Total

CAPACITY OF EGRESS COMPONENTS *(1005.1)*

Location	Stairways	Other egress components

NUMBER OF EXITS *(1021.1, 1021.2)*

Location	Required	Shown

MEANS OF EGRESS (continued)

GENERAL MEANS OF EGRESS

_____ Design requirements *(1003.2 - 1003.7)*

_____ Door/Hardware encroachment *(1005.2, 1005.3)*

_____ Means of egress illumination *(1006)*

_____ Exit signs *(1011)*

_____ Accessible means of egress *(1007)*

_____ Means of egress doors *(1008.1 - 1008.1.3)*

_____ Special doors/Gates/Turnstiles *(1008.1.4, 1008.2, 1008.3)*

_____ Door landings/Thresholds/Arrangement *(1008.1.5 - 1008.1.8)*

_____ Door hardware *(1008.1.9, 1008.1.10)*

_____ Stairways *(1009)*

_____ Roof access *(1009.13)*

_____ Ramps *(1010)*

_____ Handrails *(1012)*

_____ Guards *(1013)*

_____ Luminous egress path markings *(1024)*

EXIT ACCESS

_____ Door number and arrangement *(1014.2, 1015.1, 1015.2)*

_____ Common path of egress travel *(1014.3)*

_____ Exit access travel distance *(1016.1)*

_____ Aisles *(1017)*

_____ Egress balconies *(1016.2, 1019)*

_____ Corridors *(1018)*

_____ Air movement in corridors *(1018.5)*

EXITS / EXIT DISCHARGE

_____ Exits/Exit doors *(1020, 1021)*

_____ Vertical exit enclosures *(1022)*

_____ Exit passageways *(1023)*

_____ Horizontal exits *(1025)*

_____ Exterior exit ramps/stairways *(1026)*

_____ Exit discharge *(1027)*

OTHER MEANS OF EGRESS

_____ Miscellaneous egress requirements *(1015.3 - 1015.6)*

_____ Bleachers *(1028.1.1)*

_____ Assembly exits & egress *(1028.2 - 1028.5)*

_____ Assembly aisles & features *(1028.6 - 1028.15)*

_____ Emergency escape and rescue *(1029)*

ACCESSIBILITY* (Chapter 11)

_____ Scoping requirements *(1103)*

_____ Accessible route *(1104)*

_____ Accessible entrances *(1105)*

_____ Parking and passenger loading *(1106)*

_____ Dwelling units and sleeping units *(1107)*

_____ Special occupancies *(1108)*

_____ Features and facilities *(1109)*

_____ Signage *(1110)*

*Also see Accessibility Plan Review Record

INTERIOR ENVIRONMENT (Chapter 12)

_____ Ventilation *(1203)**

_____ Temperature control *(1204)*

_____ Lighting *(1205)*

_____ Yards or courts *(1206)*

_____ Sound transmission *(1207)*

_____ Interior space dimensions *(1208)*

_____ Access to unoccupied spaces *(1209)*

_____ Surrounding materials *(1210, 2509)*

*Also see Mechanical Code Plan Review Record

BUILDING ENVELOPE (Chapters 13*, 14, 15)

*See Energy Conservation Code Plan Review Record

EXTERIOR WALLS (Chapter 14)

_____ Performance requirements *(1403)*

_____ Materials *(1404)*

_____ Exterior wall coverings/MCM's *(1405, 1407)*

_____ Combustible material restrictions *(1406)*

_____ EIFS *(1408)*

ROOF ASSEMBLIES AND ROOFTOP STRUCTURES (Chapter 15)

_____ Weather protection *(1503)*

_____ Flashing *(1503.2, 1507.2.9, 1507.3.9, 1507.5.7, 1507.7.7, 1507.8.8, 1507.9.9)*

_____ Performance requirements *(1504)*

_____ Fire classification *(1505)*

_____ Materials *(1506)*

_____ Roof coverings *(1507)*

_____ Roof insulation *(1508)*

_____ Rooftop structures *(1509)*

_____ Reroofing *(1510)*

STRUCTURAL SYSTEMS (Chapters 16, 17, 18)

STRUCTURAL DESIGN (Chapter 16)

STRUCTURAL DESIGN CALCULATIONS

_____ Submitted for all structural members *(106, 107.1, 107.2.1, 1604, 1605)*

DESIGN LOADS ON CONSTRUCTION DOCUMENTS (1603)

Uniformly distributed floor live loads *(1603.1.1, Table 1607.1)*

Floor Area Use	Loads Shown
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____

_____ Live load reduction *(1603.1.1, 1607.9, 1607.10)*

_____ Roof live loads *(1603.1.2, 1607.11)*

Roof snow loads *(1603.1.3, 1608; Chapter 7 of ASCE 7)*

_____ Ground snow load, p_g *(1608.2; 7.2 of ASCE 7)*

_____ If p_g > 10 psf, flat-roof snow load, p_f *(7.3 of ASCE 7)*

_____ If p_g > 10 psf, snow exposure factor, C_e *(Table 7-2, 7.3.1 of ASCE 7)*

_____ If p_g > 10 psf, snow load importance factor, *I (7.3.3, Table 7-4 of ASCE 7)*

_____ If p_g > 10 psf, roof thermal factor, C_t *(Table 7-3, 7.3.2 of ASCE 7)*

_____ Sloped roof snow load, p_s *(7.4 of ASCE 7)*

DESIGN LOADS (continued)

Wind loads *(1603.1.4, 1609; Chapter 6 of ASCE 7)*

_____ Design procedure *(1609.6, 6.1.2 of ASCE 7)*

_____ Alternate all-heights method *(1609.6)*

_____ Basic wind speed *(1609.3; Fig. 6-1 of ASCE 7)*

_____ Occupancy category *(Table 1604.5; Table 1-1 of ASCE 7)*

_____ Wind importance factor, *I (Table 6-1, 6.5.5 of ASCE 7)*

_____ Surface roughness/Exposure categories *(1609.4; 6.5.6 of ASCE 7)*

_____ Internal pressure coefficient *(Fig. 6-5, 6.5.11.1 of ASCE 7)*

_____ Component and cladding pressures *(6.1.4.2, 6.4.2.2, 6.5.12.4 of ASCE 7)*

_____ Main wind-force resisting system *(6.1.4.1, 6.4.2.1, 6.5.12.2 of ASCE 7)*

Earthquake design data *(1603.1.5, 1613; Chapter 11 - 13 and 15 - 23 of ASCE 7)*

_____ Occupancy category *(Table 1604.5; Table 1-1 of ASCE 7)*

_____ Seismic importance factor *(11.5.1, Table 11.5-1 of ASCE 7)*

_____ Mapped spectral response acceleration, S_s and S_1 *(1613.5.1; 11.4.1 of ASCE 7)*

_____ Spectral response coefficients, S_{DS} & S_{D1} *(1613.5.4; 11.4.4 of ASCE 7)*

_____ Site class *(1613.5.2; 11.4.2 of ASCE 7)*

_____ Seismic design category *(1613.5.6; 11.6 of ASCE 7)*

_____ Basic seismic-force-resisting system *(Table 12.2-1 of ASCE 7)*

_____ Response modification coefficient, *R*, and deflection amplification factor, C_d *(Table 12.2-1 of ASCE 7)*

_____ Analysis procedure *(12.6 of ASCE 7)*

_____ Design base shear *(12.8 of ASCE 7)*

Flood loads *(1603.1.7, 1612)*

_____ Flood hazard area *(1612.3)*

_____ Elevation of structure *(1612.5)*

Other loads

_____ Concentrated loads *(1607.4)*

_____ Partition loads *(1607.5)*

_____ Impact loads *(1607.8)*

_____ Misc. loads (*Table 1607.6*, *1607.6.1, 1607.7, 1607.12, 1607.13, 1610, 1611, 2404)*

Structural integrity *(1614)*

_____ Design requirements *(1614.1 - 1614.4)*

QUALITY ASSURANCE (Chapter 17)

_____ Approvals/Research report(s)*(1703, 1703.4.2)* Report No._____

_____ Statement of special inspections *(1704.1.1, 1705)*

_____ Prefabricated items *(1704.2)*

_____ Steel construction *(1704.3)*

_____ Concrete construction *(1704.4)*

_____ Masonry construction *(1704.5)*

_____ Wood construction *(1704.6)*

_____ Prepared fill and foundations *(1704.7 - 1704.11)*

_____ Sprayed fire-resistant materials and coatings *(1704.12, 1704.13)*

_____ EIFS *(1704.14)*

_____ Smoke control *(1704.16)*

_____ Wind requirements *(1706)*

_____ Seismic resistance *(1707)*

_____ Contractor responsibility *(1709)*

_____ Structural testing/Observations (seismic) *(1708, 1710)*

_____ Testing (other) *(1711 - 1716)*

SOILS AND FOUNDATIONS (Chapter 18)

_____ Soils investigations/Reports *(1803.1, 1803.2, 1803.3, 1803.6)*

_____ Soil classification *(1803.5)*

_____ Excavation, grading and fill *(1804)*

_____ Dampproofing and waterproofing *(1805)*

_____ Load-bearing values *(1603.1.6, 1806)*

_____ Foundation walls, retaining walls and embedded posts and poles *(1807)*

_____ Foundations *(1808)*

_____ Shallow foundations *(1809)*

_____ Deep foundations *(1810)*

STRUCTURAL MATERIALS (Chapters 19, 21, 22, 23)

CONCRETE (Chapter 19)

_____ Plain and reinforced concrete design/construction standard specified *(1901.2, 1908)*

_____ Construction documents *(1901.4)*

_____ Minimum concrete strength *(Table 1904.3)*

_____ Cold weather and hot weather construction specified *(1905.12, 1905.13)*

_____ Slab provisions *(1910)*

MASONRY (Chapter 21)

_____ Design method, construction standard specified *(2101.2)*

_____ Construction documents *(2101.3)*

_____ Construction materials *(2103)*

_____ Mortar type *(2103.8)*

_____ Cold weather and hot weather construction specified *(2104.3, 2104.4)*

_____ Seismic design *(2106)*

_____ Glass unit masonry *(2110)*

_____ Fireplaces/Heaters/Chimneys *(2101.3.1, 2111, 2112, 2113)*

STEEL (Chapter 22)

_____ Structural steel design/construction standard specified *(2205)*

_____ Open-web steel joist design/construction standard specified *(2206)*

_____ Steel cable structures *(2207)*

_____ Steel storage racks *(2208)*

_____ Cold-formed steel design/construction standard specified *(2209)*

_____ Cold-formed steel light-framed design/construction standard specified *(2210)*

WOOD (Chapter 23)

_____ Design method option used *(2301.2)*

MATERIAL STANDARDS / CONSTRUCTION REQUIREMENTS (2303 - 2306)

_____ Lumber *(2303.1.1)*

_____ Wood I-joists *(2303.1.2)*

_____ Glue-laminated timbers *(2303.1.3)*

_____ Wood structural panels *(2303.1.4, 2304.6, 2304.7)*

_____ Fiber-, hard-, & particle-, boards *(2303.1.5 - 2303.1.7)*

_____ Decay and termite protection *(2303.1.8, 2304.11)*

_____ Structural composite lumber *(2303.1.9)*

_____ Structural log members *(2303.1.10)*

_____ Round timber poles and piles *(2303.1.11)*

_____ Fire-retardant-treated wood *(2303.2)*

_____ Hardwood and plywood *(2303.3)*

_____ Trusses *(2303.4)*

_____ Joist hangers and connectors *(2303.5)*

_____ Fasteners and fastening *(2303.6, 2304.9, Table 2304.9.1)*

_____ Heavy timber construction *(2304.10)*

_____ Shear walls and diaphragms *(2305, 2306)*

CONVENTIONAL LIGHT-FRAME CONSTRUCTION (2308)

_____ Limitations satisfied *(2308.2)*

_____ Wind/Seismic requirements *(2308.2.1, 2308.2.2, 2308.11, 2308.12)*

_____ Braced walls *(2308.3, 2308.9.3)*

_____ Foundation anchorage *(2308.3.3, 2308.6)*

_____ Floor joists *(Tables 2308.8[1], 2308.8[2])*

_____ Wall studs *(Table 2308.9.1)*

_____ Girders *(Tables 2308.9.5 and 2308.9.6, 2308.7)*

_____ Ceiling joists *(Tables 2308.10.2[1], 2308.10.2[2])*

_____ Roof rafters *(Tables 2308.10.3.[1] - 2308.10.3[6])*

_____ Roof uplift *(2308.10.1)*

NONSTRUCTURAL MATERIALS (Chapters 24, 25, 26)

GLASS AND GLAZING (Chapter 24)

_____ Sloped glazing and skylights *(2405)*

_____ Safety glazing *(2406, 2407, 2408, 2409)*

GYPSUM BOARD AND PLASTER (Chapter 25)

_____ Gypsum board materials *(2506, Table 2506.2, Table 2508.1)*

_____ Plaster *(2507, 2508, 2510 - 2513)*

PLASTIC (Chapter 26)

FOAM PLASTIC INSULATION (2603)

_____ Labeling *(2603.2, 2603.5.6)*

_____ Surface-burning characteristics *(2603.3, 2603.5.4)*

_____ Thermal barrier *(2603.4)*

_____ Exterior walls/Roofs *(2603.5, 2603.6)*

_____ Protection against termites *(2603.8)*

_____ Special approval *(2603.9)*

MISCELLANEOUS PLASTICS

_____ Interior finish and trim *(2604)*

_____ Plastic veneer *(2605)*

_____ Light-transmitting plastics *(2606 - 2611)*

_____ Fiber reinforced and fiberglass reinforced polymer *(2612)*

BUILDING SERVICES* (Chapters 27, 28, 29, 30)

ELEVATORS AND CONVEYING SYSTEMS (Chapter 30)

_____ Construction standard specified *(3001.2)*

_____ Hoistway enclosures *(3002)*

_____ Opening protectives *(3002.1.1)*

_____ Emergency operations *(3003)*

_____ Hoistway venting *(3004)*

_____ Conveying systems *(3005)*

_____ Machine rooms *(3006)*

_____ Fire service access elevator *(3007)*

_____ Occupant evacuation elevator *(3008)*

* Also see Electrical (Ch.27), Mechanical (Ch.28) and Plumbing (Ch.29) Plan Review Records

SPECIAL DEVICES AND CONDITIONS (Chapters 31, 34)

SPECIAL CONSTRUCTION (Chapter 31)

_____ Membrane structures *(3102)*

_____ Temporary structures *(3103)*

_____ Awnings and canopies/Marquees *(3105, 3106)*

_____ Signs *(3107)*

_____ Telecommunication and broadcast towers *(3108)*

_____ Swimming pool enclosures *(3109)*

_____ Automatic vehicular gates *(3110)*

PEDESTRIAN WALKWAYS AND TUNNELS (3104)

_____ Construction and use *(3104.3, 3104.4)*

_____ Separation *(3104.5, 3104.10)*

_____ Public way *(3104.6)*

_____ Egress *(3104.7 - 3104.9)*

EXISTING STRUCTURES (Chapter 34)

_____ Building materials *(3401.4)*

_____ Additions, alterations, repairs *(3403 - 3405)*

_____ Fire escapes *(3406)*

_____ Change of occupancy *(3408)*

_____ Accessibility *(3411)*

_____ Compliance alternatives *(3412)*

BUILDING EVALUATION SUMMARY *(Table 3412.7)*

Existing occupancy: _____ Proposed occupancy: _____
Year building was constructed: _____ Number of stories: _____ Height in feet: _____
Type of construction: _____ Area per floor: _____
Percentage of open perimeter increase: _____% Corridor wall rating: _____
Completely suppressed: Yes _____ No _____ Required door closers: _____ Yes _____ No _____
Compartmentation: Yes _____ No _____
Fire-resistance rating of vertical opening enclosures: _____
Type of HVAC system: _____, serving number of floors: _____
Automatic fire detection: Yes _____ No _____, type and location: _____
Fire alarm system: Yes _____ No _____, type: _____
Smoke control: Yes _____ No _____, type: _____
Adequate exit routes: Yes _____ No _____ Dead ends: Yes _____ No _____
Maximum exit access travel distance: _____ Elevator controls: Yes _____ No _____
Means of egress emergency lighting: Yes _____ No _____ Mixed occupancies: Yes _____ No _____

Safety parameters	Fire safety (FS)	Means of egress (ME)	General safety (GS)
3412.6.1 Building height			
3412.6.2 Building area			
3412.6.3 Compartmentation			
3412.6.4 Tenant and dwelling unit separations			
3412.6.5 Corridor walls			
3412.6.6 Vertical openings			
3412.6.7 HVAC systems			
3412.6.8 Automatic fire detection			
3412.6.9 Fire alarm system			
3412.6.10 Smoke control	* * * *		
3412.6.11 Means of egress capacity	* * * *		
3412.6.12 Dead ends	* * * *		
3412.6.13 Max. exit access travel distance	* * * *		
3412.6.14 Elevator control			
3412.6.15 Means of egress emergency lighting	* * * *		
3412.6.16 Mixed occupancies		* * * *	
3412.6.17 Automatic sprinklers		÷ 2 =	
3412.6.18 Standpipes			
3412.6.19 Incidental accessory occupancy			
Building score — total value			

* * * * No applicable value to be inserted.

BUILDING SAFETY EVALUATION SCORE *(Table 3412.9)*

Formula	Table 3412.7		Table 3412.8		Score	Pass	Fail
FS–MFS ≥ 0	_____	(FS) —	_____	(MFS) =	_____	_____	_____
ME–MME ≥ 0	_____	(ME) —	_____	(MME) =	_____	_____	_____
GS–MGS ≥ 0	_____	(GS) —	_____	(MGS) =	_____	_____	_____

FS = Fire Safety
ME = Means of Egress
GS = General Safety
MFS = Mandatory Fire Safety
MME = Mandatory Means of Egress
MGS = Mandatory General Safety

APPENDICES A - K

_____ Appendices adopted *(101.2.1)* _____ Compliance verified